

S/170/61/C04/C02/015/016
B019/B060

AUTHOR: Balygin, I. Ye.

TITLE: Variation of the Intensity of Heat Exchange Through a Dielectric in an Electric Field

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1961, Vol. 4, No. 2,
pp. 113-115

TEXT: A metallic rod placed in a dielectric is supposed to have the temperature t_1 , the dielectric at the boundary to the surrounding medium to have the temperature t_2 , and the medium to have the temperature τ . Under the condition of thermal equilibrium t_2 is constant, and the problem is discussed as to how temperature and heat exchange vary, when an electric constant field with field strength E is applied. It is briefly shown that the E -induced polarization of the dielectric causes a reduction of the amplitude of thermal vibrations of ionized atoms and molecules. t_2 thus ought to diminish when E is applied. This assumption was checked in experiments conducted on a high-voltage cable whose ✓

Card 1/2

Variation of the Intensity of Heat
Exchange Through a Dielectric in an
Electric Field

S/170/61/004/002/015/018
B019/B060

V

insulation was provided by a poorly polarizable dielectric 120 mm in thickness. The cable had a lead sheath which was grounded in the experiment, while an alternating current was induced by a transformer in the cable acting as a secondary coil in order to heat the copper cable. A d-c source was used to bring about a constant field between grounded sheath and copper core. A state of equilibrium was attained after about 5 hrs. The temperature was measured by resistance thermometers fastened onto the sheath. The experiments showed that temperature drops already after 10 minutes by 4°C (at 330 a), and by 2°C (at 280 a), when a 100.kv voltage is applied between the core and grounded sheath after the state of equilibrium has been attained. There are 2 figures.

SUBMITTED: May 31, 1960

Card 2/2

BALYGIN, I.Ye.

Transformation of amorphous quartz into the crystalline state
as a result of the thermal diffusion of silver. Kristallografiia
6 no.5:727-732 S-0 '61. (MIRA 14:10)
(Quartz) (Diffusion) (Silver)

S/070/62/007/006/012/020
E132/E435

AUTHOR: Balygin, I.Ye.

TITLE: Changes in the structure of amorphous quartz on annealing in hydrogen

PERIODICAL: Kristallografiya, v.7, no.6, 1962, 922-925

TEXT: Plates of fused quartz, 0.5 to 1.5 mm thick, were heated in hydrogen for 5 minutes at 1000°C. X-ray diffractometer traces were taken from them and from control plates of crystalline quartz. With the treatment two sharp peaks in the trace developed corresponding to the first two lines in the quartz pattern (4.26 and 3.343 Å). A qualitative explanation of the mechanism is suggested showing how H atoms, by allowing Si-O-Si bridges to be broken to Si-OH HO-Si, can permit some rearrangement of the quartz structure to occur.

SUBMITTED: November 25, 1961

Card 1/1

BALYGIN, I.Ye.; GINDIN, Ye.I.

Changes in the structure of quartz glass during thermal diffusion
of gold, platinium, and palladium. Zhur.prikl.khim. 35 no.11:2558-2563
N '62.

(MIRA 15:12)

(Glass research)

(Metals)

BALYGIN, Ivan Yefimovich; KAZARNOVSKIY, D.M., red.

[Electrical strength of liquid dielectrics] Elektricheskaya prochnost' zhidkikh dielektrikov. Moskva, Energiia, 1964. 226 p.
(MIRA 17:9)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330006-5

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330006-5"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330006-5

CHINESE LITERATURE

—
—
—

Ergonomics

卷之三

卷之三

卷之三

Card 1, 2

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330006-5"

BALYKIN, M.K., inzh.

Design of compensators for thermal networks. Izv. vys. ucheb.
zav.; energ. 7 no.3:83-89 Mr '64. (MIRA 17:4)

1. Belorusskiy politekhnicheskiy institut. Predstavlena
kafedroy teplogazosnabsheniya i ventilyatsii.

RUDITSYN, Mikhail Nikolayevich, dots.; LAPTEV, Vladimir Pavlovich, starshiy prepodavatel'; RUD', Boris Viktorovich, assistent; KUROVSKIY, Ivan Frantsevich, starshiy prepodavatel'; LYUBOSHITS', Moisey Il'ich, dotsent; PETROVICH, Aleksandr Grigor'yevich, starshiy prepodavatel'; BALYKIN, Mikhail Kirillovich, assistent; PEN'KEVICH, Vladimir Aleksandrovich, assistent; OSHEROVICH, Lyubov' Il'inichna, dotsent; CHULITSKIY, Vyacheslav Ivanovich, assistent; Prinimal uchastiye SIKOLOVSKIY, A.V., KAPRANOVA, N.V., red.; PESINA, S.A., tekhn.red.

[Laboratory work on the strength of materials] Laboratornye raboty po soprotivleniu materialov. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 272 p. (Strength of materials--Testing) (MIRA 15:8)

BALYKIN, M. K., inzh.

Design of a W-shaped compensator taking into account the decrease of
the rigidity of rectilinear sectors. Izv. vys. ucheb. zav., energ. 7
no. 8:125-130 Ag '64. (MIRA 17:12)

1. Belorusskiy politekhnicheskiy institut. Predstavlena kafedroy teplo-
gazosnabzheniya i ventilyatsii.

Балыкин, В. Я.

Veterinary medicine in the Kirghiz S.S.R. Veterinariia 34 no.12;
43-50 D '57.
(MIRA 11:1)

1. Nachal'nik Upravleniya veterinarii Ministerstva sel'skogo
khozyaystva Kirgizekoy SSR.
(Kirghizistan--Veterinary medicine)

BALYKINA, R. M., Cand Med Sci -- (diss) "Role of medical physical culture in the complex of medical measures in suppurative processes in the lungs." Minsk-Voronezh, 1960. 13 pp; (Voronezh State Medical Inst); 280 copies; price not given; (KL, 22-60, 143)

BALYKINA, R.M.

Exercise therapy in the treatment of suppurative processes in the lungs. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 6:536-544
N-D '60. (MIRA 14:2)

1. Iz kafedry gospital'noy terapii Minskogo meditsinskogo instituta
(zav. kafedroy - prof. G.Kh. Dovgallyo).
(LUNGS---ABSCESS) (EXERCISE THERAPY)

BALYKINA, Ye. M. "Influence of General X-Irradiation on Some Brain Enzymes." X-irradiation of rats increased brain amylase and hexokinase activity. Synthetic activity of phosphorylas decreased after 52 hr. Glutamianse activity in half the tests showed a sharp decrease after 54--106 hr. No changes were observed in the activity of adenosintriphosphatase, aldolase, and cholinesterase under the influence of x-irradiation.

candidate dissertation listed in Meditinskaya radiobiologiya, no. 7, 1964. The article did not state specifically what degree was awarded. The annotated titles deal with studies on radiation physiology, radiation biochemistry, combined trauma and the influence of radiation on regenerative processes, radiation microbiology and immunology, and radiation pharmacology.

BALYKINA, Ye.M., aspirant

Effect of general X-ray irradiation on some enzymes in the brain's
carbohydrate-phosphorus metabolism. Uch. zap. GMI no.8:3-7 '59.
(MIRA 14:9)

1. Iz kafedry biologicheskoy khimii (zav.kafedroy - prof. G.Ya.
Gorodskaya).

(CARBOHYDRATE METABOLISM) (X RAYS-PHYSIOLOGICAL EFFECT)
(BRAIN) (PHOSPHORUS METABOLISM)

DASHEVSKIY, M.M., kand. khim. nauk, dotsent; BALYKINA, Ye.P.; PUPINA, L.N.

Synthesis of -(4-acenaphthyl)-ethylamine (IV). Nauch. zap.
Od. politekh. inst. 40:88-90 '62. (MIRA 17:6)

1. Predstavlena kafedroy "Organicheskaya khimiya" Odesskogo
politekhnicheskogo instituta.

BALYKLOV, V.A. (g.Chernikovsk); DUMANSKIY, G.V. (g.Chernikovsk); PERVUSHIN, A.D.
(g.Chernikovsk).

Our experience with the introduction of efficiency suggestions. Stroi.
pred.neft.prom. 1 no.6:27-28 Ag '56. (MIRA 9:9)
(Building)

UVACHAN, V.N., dotsent, kand.istor.nauk; BALYKO, N., red.; GIL'DEBRANT,
Ye., tekhn.red.

[The Yenisey north; bibliography] Eniseiskii Sever; bibliograficheskii ukazatel'. Krasnoiarsk, Krasnoiarskaia kraevoia
biblioteka, 1959. 131 p. (MIRA 13:?)

1. Krasnoyarskaya krayevaya biblioteka (for Balyko).
(Bibliography--Krasnoyarsk Territory)
(Krasnoyarsk Territory--Bibliography)

BALYKO, N.N.; MORACHEVSKAYA, Ye.N.; KOZLOVA, T.K., red.

[Bibliography of Krasnoyarsk Territory in two volumes, 1924-1960] Bibliografiia Krasnoiarskogo kraia v 2-kh tomakh (1924-1960 gg.). Krasnoiarsk, Krasnoiarskoe knizhnoe izd-vo. Vol.1. [Natural and economic conditions and economic development] Prirodno-ekonomicheskie usloviia i razvitiye narodnogo khoziaistva. 1963. 568 p.
(MIRA 17:9)

1. Krasnoyarsk. Krayevaya biblioteka.

BALYKOV, A. L.

7552 ADAMOVICH, A. N., BALYKOV, A. L., KOLTUNOV, D. V., TEKHNICHESKIYE USLOVIYA
NA PROIZVODSTVO GIDROTEKHNICHESKIKH RABOT. TSEMENTATSIIA SKAL'NYKH POROD I
GRAVELISTO - GALECHNYKH GRUNTOV V OSNOV-ANIYAKH I BEREGOVYKH PRIMYKANIYAKH
GIDROTEKHNICHESKIKH SOORUZHENIY TU-31-54 (VREMENNNYE). SOST. USESOYUZ PRO-
YEKTNYM IN-TOM "GIDROENERGOPROYEKT". UTV. V. 1954 G. M. - L., GOSENERGOIZDAT,
1954, 80 S. S. CHERT. 20 SM. (M-VO ELEKTROSTANTSIIY SSSR. UPR. KAPITAL'NOGO
STROITEL'STVA). 2.000 EKE. 3 R. 30 K. - NA OBOROTE
TIT. L. SOST: A. N. ADAMOVICH, A. L. BALYKOV, D. V. KOLTUNOV.
(55-3551) 626.01 / 624.138 (083.78)

SO: KNIZHNAYA LETOPIS--Vol. 7, 1955

Fuel (Mechanized) BALYKOV, H V.

1/oblast soviet - 1

3107. WORK OF COAL MINING COMBINES KKP-1 IN STEEPLY DEEPLY DIPPING
SEAMS OF DONETS COAL FIELD. Topchiev, A.V. Balykov, B.N. and
Gershenovich, S.E. (Mekhanizatsiya Trud. i Tyazhel. Rabot
(Mechanization of Arduous Work), Apr. 1952, 5-8).

BALYKOV, G., inzh.

To fly as birds do, and swim like fish! Znan.sila 35 no.5:8-11
My '60. (Hydrodynamics) (MIRA 13:7)
(Aerodynamics)

BALIKOV, P.

New makes of automobiles. NTO 2 no.4:16-17 Ap '60.
(MIRA 13:6)

1. Glavnyy inzhener Ul'yanovskogo avtomobil'nogo zavoda, zamestiteel'
predsedatelya oblastnogo pravleniya Nauchno-tehnicheskogo
obshchestva Mashproma.
(Ul'yanovsk--Automobile industry)

BALYKOV, V.I., vrach

Effect of antibiotics in the therapy of cutaneous leishmaniasis.
Trudy KGMI no.10:290-294 '63. (MIRA 18:1)

1. Iz kafedry kozhynkh i venericheskikh bolezney (zav. kafedroy prof. G."h.Khachatur'yan [deceased]) Kalininskogo gosudarstvennogo meditsinskogo instituta.

1. BALYKOV, V. M.
2. USSR (600)
4. Technology
7. Coal combine KKP-1 for steep strata. Moskva, Ugletekhizdat, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

TOPCHIYEV, A. V.; BALYKOV, V. M.; GERSHENOVICH, S. Ye

Coal Mines and Mining - Donets Basin

Work of the coal combine KKP-1 in the steep strata of the Donets Basin. Makh. trud.
rab. 6 no. 4 (1952)

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

TOPCHIEV, A.V., BILYKOV, V.M.

Coal Mines and Mining

Continuous coal mining machine for steep KKP-1 layers. Ugol' 27, no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, AUGUST 1952 ~~1000~~, Uncl.

~~BALYKOV, V.M.~~, laureat Stalinskoy premii; GREBTSOV, N.V., laureat Stalinskoy premii; KHORIN, V.N., inzhener, laureat Stalinskoy premii.

"The KKP-1 combine for high dip coal seams." Mekh.trud.rab. 7 no.6:47
Ja '53. (MLRA 6:6)
(Mining machinery--Bibliography)

(M)
BALYKOV, V., inzhener; GERSHENOVICH, S., inzhener.

Cutter-loaders for steeply inclined seams. Mast.ugl.3 no.11:
3-6 N°54.
(Coal--Mining machinery)

BALIKOV, V., inzhener; GERSHENOVICH, S.

Pamphlets on mining practices in progressive mines. Mast.ugl.4
no.9:29 S'55. (MIRA 9:1)
(Coal mines and mining)

BALYKOV,V.M., inzhener; GERSHENOVICH,S.Ye., inzhener

Review of "The master miner's handbook". N.A.Zaitsev. Reviewed
by V.M.Balykov,S.E.Gershenovich. Mekh.trud.rab.9 no.8:46 Ag'55.
(MLRA 8:10)
(Mining engineering) (Zaitsev,N.A.)

BALYKOV, V.M., inzhener; GERSHENOVICH, S.Ye., inzhener.

The "Ostravan-500" coal cutter-leader. Mekh.trud.rab.10 no.4:41-42
Ap '56. (Czechoslovakia--Coal mining machinery) (MIRA 9:?)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330006-5

101. DURING THE 1940'S AND 1950'S, RUMORS OF A
KIND OF SECRET SOCIETY OR GROUP OF INDIVIDUALS, REFERRED TO AS
THE SOCIETY OF 13, CAME UP. AT THAT TIME,
THE UNITED STATES GOVERNMENT WAS IN THE
PROCESS OF FORMING A SECRET POLITICAL
PARTY, WHICH WAS TO BE KNOWN AS THE
DEMOCRATIC SOCIALIST PARTY. THIS WAS TO BE
BUILT UP BY 13 SOCIETY MEMBERS, WHO WERE
SEPARATE FROM THE 13 SOCIETY, BUT WORKED
WITH IT. THE 13 SOCIETY MEMBERS WERE
NOTIFIED OF THE EXISTENCE OF THE
SECRET POLITICAL PARTY, AND THEY WERE TOLD
TO JOIN IT, SINCE IT WAS THE
SOCIETY OF 13.

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330006-5"

BALYKOV, V.M., inzhener; GERSHENOVICH, S.Ye., inzhener.

Valuable aid for engineers and technicians working on pitching seams in the Donets Basin. "Mining pitching seams in the Donets Basin." E.IA. Nekrasovskii, N.F. Kremenchutskii. Reviewed by V.M. Balykov, S.E. Gershenovich. Ugol' 31 no.5:44-45 Ny '56.

(MLRA 9:8)

(Donets Basin--Coal mines and mining)
(Nekrasovskii, E.IA.)
(Kremenchutskii, N.F.)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330006-5

BALYKOV, V., inzh.; GERSHENOVICH, S., inzh.

New narrow-range cutter loaders. Mast. ugl. 7 no.1:18-20 Ja '58.
(Coal mining machinery) (MIRA 11:2)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330006-5"

BALYKOV, V., inzh.

Hydraulic jack. Mast. ugl. 7 no. 6:21 Je '58.
(Hydraulic jacks)

(MIRA 11:?)

ALEKSANDROV, B.F., inzh.; BALYKOV, V.M., inzh.; BARANOVSKIY, F.I., inzh.; BOGUTSKIY, N.V., inzh.; BUN'KO, V.A., kand.tekhn.nauk, dotsent; VAVILOV, V.V., inzh.; VOLOTKOVSKIY, S.A., prof., doktor tekhn.nauk; GRIGOR'YEV, L.Ya., inzh.; GRIDIN, A.D., inzh.; ZARMAN, L.N., inzh.; KOVALEV, P.F., kand.tekhn.nauk; KUZNITSOV, B.A., kand.tekhn.nauk, dotsent; KUSNITSYN, G.I., inzh.; LATYSHEV, A.F., inzh.; LEYBOV, R.M., doktor tekhn.nauk, prof.; LEYTER, Z.M., inzh.; LISITSYN, A.A., inzh.; LOKHANIN, K.A., inzh.; LYUBIMOV, B.N., inzh.; MASHKEVICH, K.S., inzh.; MALKHAS'YAN, R.V.; MILOSERDIN, M.M., inzh.; MITNIK, V.B., kand.tekhn.nauk; MIKHAYEV, Yu.A., inzh.; PARAMONOV, V.I., inzh.; ROMANOVSKIY, Yu.G., inzh.; RUBINOVICH, Ye.Ye., inzh.; SAMOILYUK, N.D., kand.tekhn.nauk; SMEKHOV, V.K., inzh.; SMOLDYREV, A.Ye., kand.tekhn.nauk; SNAGIN, V.T., inzh.; SNAGOVSKIY, Ye.S., kand.tekhn.nauk; FEYGIN, L.M., inzh.; FRENKEL', B.B., inzh.; FURMAN, A.A., inzh.; KHORIN, V.N., dotsent, kand.tekhn.nauk; CHETVEROV, B.M., inzh.; CHUGUNIKHIN, S.I., inzh.; SHELKOVNIKOV, V.N., inzh.; SHIRYAYEV, B.M., inzh.; SHISHKIN, N.P., kand.tekhn.nauk; SHPIL'BERG, I.L., inzh.; SHORIN, V.G., dotsent, kand.tekhn.nauk; SETORKMAN, I.G., doktor tekhn.nauk; SHURIS, N.A., inzh.; TERPIGOREV, A.M., glavnnyy red.; TOPCHIYEV, A.V., otv.red.toma; LIVSHITS, I.I., zamestitel' otv.red.; ABRAMOV, V.I., red.; LADYGIN, A.M., red.; MOROZOV, R.N., red.; OZERNOY, M.I., red.; SPIVAKOVSKIY, A.O., red.; FAIBISOVICH, I.L., red.; ARKHANGELESKIY, A.S., inzh., red.;

(Continued on next card)

ALEKSANDROV, B.F.---(continued) Card 2.

BELYAYEV, V.S., inzh., red.; BUKHANOVA, L.I., inzh., red.; VLASOV,
V.M., inzh., red.; GLADILIN, L.V., prof., doktor tekhn.nauk, red.;
GREBTSOV, N.V., inzh., red.; GRECHISHKIN, F.G., inzh., red.; GON-
CHAROVICH, I.F., kand.tekhn.nauk, red.; GUDALOV, V.P., kand.tekhn.
nauk, red.; IGNATOV, N.N., inzh., red.; LOMAKIN, S.M., dotsent, kand.
tekhn.nauk, red.; MARTYNOV, M.V., dotsent, kand.tekhn.nauk, red.;
POVOLOTSKIY, I.A., inzh., red.; SVETLICHNYY, P.L., inzh., red.; SAL'-
TSEVICH, L.A., kand.tekhn.nauk, red.; SPERANTOV, A.V., kand.tekhn.
nauk, red.; SHETLER, G.A., inzh., red.; ABARBARCHUK, F.I., red.izd-va;
PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A., tekhn.red.

[Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheskii
spravochnik. Glav.red.A.M.Terpigorev. Chleny glav.redaktsii A.I.
Baranov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu.
Vol.7, [Mining machinery] Gornye mashiny. Redkol.toma A.V.Topchiev i
dr. 1959. 638 p. (Mining machinery) (MIRA 13:1)

BOGUTSKIY, N.V., inzh.; BALYKOV, V.M., inzh.

LGD-1 cutter-loader for coal. Ugol' 34 no.3:33-37 Mr '59.
(MIRA 12:5)
(Coal mining machinery)

TOPCHIYEV, Aleksey Vasil'yevich; BALYKOV, Vladimir Mikhaylovich;
GERSHENOVICH, Samuil Yefimovich; SOSNOV, Georgiy Akimovich;
SOSNOV, V.D., otv.red.; SHOROKHOVA, A.V., red.izd-va;
NADEINSKAYA, A.A., tekhn.red.; BOLDYREVA, Z.A., tekhn.red.

[Mechanization of mining operations in thin steeply dipping coal
seams] Mekhanizatsiya vyemki uglia pri razrabotke tonkikh krutykh
plastov. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu,
1960. 217 p.

(MIRA 13:12)

(Coal mining machinery)

BALYKOV, V.M.

Open-pit coal mining in the United States. Ugol' Ukr.
4 no.5:45 My '60. (MIRA 13:8)
(United States--Strip mining)

BAL'YKOV, Vladimir Mikhaylovich; VINOGRADOV, Aleksandr Semenovich; GERSHE-
NOVICH, Samuil Yefimovich; BOGUTSKIY, N.V., otv. red.; ABRANOV, V.I.,
red. izd-va; LOMILINA, L.N., tekhn. red.

[K19 equipment complex for mechanization of coal recovery from thin
steeply dipping beds] Kompleks oborudovaniia K19 dlja mekhanizatsii
vyemki uglia iz tonkikh krutopadaiushchikh plastov. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 135 p.
(MIRA 14:9)

(Mining machinery)

BALYKOV, V.M., aspirant

Reducing the power consumption in breaking coal with a crown
working part of a coal cutter-loader. Nauch. trudy Mosk. inst.
radioelek. i gor. elektromekh. no.41:41-60 '62. (MIRA 16:10)

S/276/63/000/001/002/028
A006/A101

AUTHOR: Balykov, V. M.

TITLE: Techniques for manufacturing cutters with sintered carbide plates,
developed in Czechoslovakia

PERIODICAL: Referativnyj zhurnal, Tekhnologiya mashinostroyeniya, no. 1, 1963,
23, abstract 1B105 ("Gorn. mashiny i avtomatika. Nauchno tekhn. sb.",
1962, no. 4, 103 - 106)

TEXT: To relieve additional stresses, arising in plates and soldered joints of cutters during grinding, new techniques of manufacturing sintered carbide tools have been adapted. After the manufacture and sand-blast treatment, the plates are ground on special circular devices mounted on the magnetic table of the grinding machine. During grinding a thin layer of sintered carbide is removed from the plates; they then have all equal angles. After decreasing the plates are supplied to a semi-automatic EPH-1 (yARN-1) soldering machine. Punching of the holders to a given depth (0.1 - 0.3 mm) is performed on a press. The plates and solder are applied to the holder by mechanized means. The holder is subsequently supplied to ✓

Card 1/2

S/276/63/000/001/002/028
A006/A101

Techniques for manufacturing cutters with...

a calibration device for its radial advancement from the machine table, covered with flux, and passed through another calibration device, where the correct position of the plate on the holder is established after melting of the solder. Soldering of the cutter lasts about 7 seconds. The cutters are then automatically pushed out of the machine table and supplied to a conveyer. The strength of the joint after soldering is 16 - 24 kg/cm². There are 3 figures.

[Abstracter's note: Complete translation]

Card 2/2

BALYKOV, V.M. kand.tekhn.nauk

Using cutter-loaders and stoping equipment units in working flat
seams. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekhn.inform.
16 no.6:13-18 '63. (MIRA 16:8)

(Coal mining machinery)

BALYKOV, V.M., inzh.

New supports for stopes in Czhechoslovakia mines. Ugol' Ukr. 7
no.11:53-55 N '63. (MIRA 17:4)

KLORIK'YAN, S.Kh., kand. tekhn. nauk; BALYKOV, V.M., kand. tekhn. nauk

Equipment sets for mining coal in thin flat seams. Mekh.
i avtom. proizv. 18 no.7:12-16 Jl '64. (MIRA 17:9)

1. Direktor Gosudarstvennogo proyektno-konstruktorskogo i
eksperimental'nogo instituta ugol'nogo mashinostroyeniya
(for Klorik'yan).

KLORIK'YAN, S.Kh., kand. tekhn. nauk; BALYKOV, V.M., kand. tekhn. nauk;
PRUDKIN, Ya.M., inzh.

Expansion of complex mechanization in flat seam stopes.
Ugol' 39 no.8:52-58 Ag '64.

(MIRA 17:10)

BALYKOV, V.M., kand.tekhn.nauk; SHIDKIN, Yu.M., trsl.

Economic efficiency of using complexes of equipment with hydraulic jacks. Ugel' 40 no. 5-73-75 My '66.
(MRA 1886)

BALYKOV, Vladimir Mikhaylovich; BOGUTSKIY, Nikolay Vasil'yevich;
KHALFIN, Yakov Naumovich; GERSHENOVICH, S.Ye., nauchn.red.

[Coal cutter-loaders] Ugol'nye kombainy. Moskva, TSNIIPI,
1965. 40 p.
(MIRA 18:10)

BALYKOV, V.M., kand.tekhn.nauk; PRUDKIN, Ya.M., gornyy inzh.

Performance of K-52m cutter-loaders, and the development of narrow-cut extraction in flat seams. Ugol' 40 no.9:31-35 S '65.

(MIRA 18:10)

ACC NR: AP6020689

SOURCE CODE: UR/0016/66/000/006/0121/0126

AUTHOR: Balykova, L. A.; Verkholetova, G. P.; Lebedeva, N. S.; Limanov, V. Ye.;
Starkov, A. V.ORG: Central Disinfectant Research Institute ^{Moscow} (Tsentral'nyy nauchno-issledovatel'skiy
dezinfektsionnyy institut)TITLE: Solubility and bactericidal activity of 1,3-dichloro-5,5-dimethyl hydantoin in
the presence of surface-active substances

SOURCE: Zh mikrobiol, epidemiol i immunobiol, no. 6, 1966, 121-126

TOPIC TAGS: bactericide~~sulfonol~~, solubility, surface active^{agent}~~sulfonol~~,
OP-10, ~~tetramon~~ chlorinated organic compoundABSTRACT: The water solubility of this compound increased considerably in the presence
of such surface-active compounds as sulfonol, OP-10, and tetramon. In the
presence of sulfonol, aqueous solutions of dichlorodimethylhydantoin
did not lose their active chlorine content or their high bactericidal and
sporcidal activity, even after standing. [WA-50; CBE No. 10]

SUB CODE: 06P7/SUBM DATE: 16Feb65/ ORIG REF: 001/ OTH REF: 010/

Card 1/1

UDC: 615.778.38-011+615.778.38-017.78]-661.85

SOURCE CODE: UR/0016/66/000/006/0121/0126

AUTHOR: Balykova, L. A.; Verkholetova, G. P.; Lebedeva, N. S.; Limanov, V. Ye.;
Starkov, A. V.ORG: Central Disinfectant Research Institute, (Tsentral'nyy nauchno-issledovatel'skiy
dezinfektsionnyy institut) MoscowTITLE: Solubility and bactericidal activity of 1,3-dichloro-5,5-dimethyl hydantoin in
the presence of surface-active substances

SOURCE: Zh mikrobiol, epidemiol i immunobiol, no. 6, 1966, 121-126

TOPIC TAGS: bactericidal compound, solubility, surface active agent, OP-10, chlorinated organic compound, sulfonol

ABSTRACT: The water solubility of this compound increased considerably in the presence
of such surface-active compounds as sulfonol, OP-10, and tetramon. In the
presence of sulfonol, aqueous solutions of dichlorodimethylhydantoin
did not lose their active chlorine content or their high bactericidal and
sporicidal activity, even after standing. [WA-50; CBE No. 10]

SUB CODE: 06/07/SUBM DATE: 16Feb65/ ORIG REF: 001/ OTH REF: 010/

Card 1/1

UDC: 615.778.38-011+615.778.38-017.78]:661.85

L 41715-66	EWT(m)/EWP(j)/T	IJP(c)	WW/RM	
ACC NR: AP6019530	(A)	SOURCE CODE: UR/0020/66/168/004/0825/0827		
AUTHOR: Rods, V. V.; Korshak, V. V. (Corresponding member AN SSSR); Frunze, T. M.; Baranov, Ya. L.; Balykova, T. N.				
ORG: Institute of Organoelemental Compounds, Academy of Sciences, SSSR (Institut ele- mentoorganicheskikh soyedineniy akademii nauk SSSR)				
TITLE: Thermooxidative destruction of the graft copolymers ¹⁵ of styrene with epsilon- -caprolactam				
SOURCE: AN SSSR. Doklady, v. 168, no. 4, 1966, 825-827				
TOPIC TAGS: copolymer, polystyrene, oxidation kinetics, block copolymer, heat resist- ance, GRAFT COPOLYMER, STYRENE, OXIDATIVE DEGRADATION				
ABSTRACT: The kinetics of oxidative degradation of styrene-caprolactam graft copoly- mers was studied. 0.05 g samples of copolymers containing 10, 20, and 33% styrene were oxidized in an oxygen stream at 300-375°C. It was found that the stability of the styrene-caprolactam copolymers to oxidative degradation increases with increasing content of caprolactam. It was also found that the content of alkaline catalyst in the copolymer has practically no effect on the stability of the styrene-caprolactam copolymer. The kinetic data are graphed and tabulated. Orig. art. has: 2 figures, 2 tables.				
SUB CODE: 07/	SUB DATE: 15Nov65/	ORIG REF: 007/	OTH REF: 003	
Card 1/1				
UDC: 541.66				

BALYNIK, I. K.

USSR / Pharmacology, Toxicology, Chemotherapeutic Agents

U-7

Abs Jour : Ref. Zh. Biol., No 2, 1958, No 8121

Author : Breger, M. A., Balyn' I. K.

Inst :

Title : Plasma Protein-Bound Penicillin

Orig Pub : V. Sbl: Antibiotiki. Eksperim. Klinich. izuch. M.,
1956, 242-244

Abstract : Various amounts of potassium salts of crystalline penicillin retained their original activity after a four-hour incubation in human serum (1:20 dilution) at room temperature. By placing penicillin and 20% serum in semipermeable bags, it was determined by dialysis that, on the average, 45.6% of the penicillin became bound to the serum proteins, chiefly to the albumins; with an inordase

Card : 1/2

USSR / Pharmacology, Toxicology, Chemo therapeutic Agents

U-7

Abs Jour : Ref. Zh. Biol., No 2, 1958, No 8121

Abstract : in a given antibiotic there was no rise in its protein-bound fraction. On the average, 0.94 u of penicillin became bound to 1 mg of albumin. Further experiments demonstrated that the complex (penicillin plus protein) could dissociate easily. The degree of dissociation determined the effect of the agent in the body.

Card : 2/2

Balyn, I. P.

F-2

USSR/Microbiology. Antibiosis and Symbiosis.
Antibiotics

Abs Jour : Ref Zhur-Biologiya, No 1, 1957, 548

Author : G. Ya. Kivman, M. A. Breger, and I. P.
Balyn

Inst Title : Rapid Micromethod of Determination of the
Concentration of Antibiotics of the
Tetracycline Group (Biomycin, Cyclomycin,
and Riomycin) in Biological Fluids.

Orig Pub : Zh. eksperim. biol. i med., 1956,
No 1, 78-79

Abstract : The new method is a simplified Shneyerson
method. The correlation of the components
of the reaction has been changed, and the
composition of the nutritive medium has
been simplified. To determine the con-
centration of the antibiotic 0.2 ml of

Card 1/3

USSR/Microbiology. Antibiosis and Symbiosis.
Antibiotics

F-2

Abs Jour : Ref Zhur-Biologiya, No 1, 1957, 548

Abstract : the tested biological fluid is sufficient. The pH of 7.0 is determined by 10% NaOH. The medium does not require sterilization and can be kept at room temperature. Determination is on the basis of the change in the color of the medium; phenol red is the indicator. Bacterium proteus OX₁₉ is the test culture. A series of dilutions of the tested biological fluid and a series of dilutions of the standard antibiotic are prepared. Each series consists of 11 experimental and 1 control dilutions. In order to calculate the concentrations of the antibiotic and the tested fluid it is necessary to

Card 2/3

USSR/Microbiology. Antibiosis and Symbiosis
Antibiotics F-2

Abs Jour : Ref Zhur-Biologiya, No 1, 1957, 548

Abstract : multiply the minimal concentration of the standard antibiotic which arrests the growth of Bacterium proteus OX₁₉ by the maximal dilution of the tested biological fluid which has an action similar to that of the antibiotic. The described method makes it possible, by the utilization of small volumes of the fluids, and in nonsterile conditions, to determine the concentration of antibiotics of the tetracycline group within 4 to 4½ hours.

Iz ot dela eksperimental'noy khimicheskoy radiatsii Instituta farmakologii i eksperimental'noy khimioterapii i khimioprofilaktiki, AMN SSSR, Moskva.
Card 3/3

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330006-5

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000103330006-5"

BALYN', I.R.; ERTUGANOVA, Z.A. (Cand. of Med. Sci.); KALININA, N.A.; KIVMAN, G. Ya. (Cand. of Med. Sci.); BREGER, M.A. (Cand. of Med. Sci.); IVANOVA, G.A. (Cand. of Vet. Sci.)

"Tetracyclin,"

p. 214 Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics, 31 May - 9 June 1957. p. 405, Moscow, Medgiz, 1957.

CHERNUKH, A.M., BREGER, M.A., BALYN', I.R.

Studies on the bacteriostatic and therapeutic properties of the antituberculosis drug 1314 and of its hydrochloride derivative [with summary in English]. Biul.eksp.biol. i med. 46 no.10:
34-37 O '58
(MIRA 11:11)

1. Iz otdela eksperimental'noy khimioterapii (zav. - doktor meditsinskikh nauk A.M. Chernukh) Instituta farmakologii i khimioterapii (dir. - deystvitel'nyy chlen AMN SSSR V.V. Zakusov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chленом AMN SSSR V.V. Zakusovym.

(NICOTINIC ACID ISOMERS, eff.

α -ethylthiocisonicotinamide, on various bact. (Rus))

BALYN', I.R.

Penetration of colimycin into the lymph nodes in white rats following various modes of administration. Antibiotiki 7 no.6:537-539 Je '62.
(MIRA 15:5)

1. Otdel eksperimental'noy khimioterapii (zav. - prof. A.M.Chernukh)
Instituta farmakologii i khimioterapii AMN SSSR.
(ANTIBIOTICS) (LYMPHATICS)

BALYN', I.R.; SOLOV'YEV, V.N.

Penetration of the lymph nodes of healthy and infected rats by
various salts of penicillin. Antibiotiki 7 no.8:729-732 Ag '62.
(MIRA 15:9)

1. Otdel eksperimental'noy khimioterapii (zav. - prof. A.M.
Chernukh) Instituta farmakologii i khimioterapii AMN SSSR.
(PENICILLIN) (LYMPHATICS)

SOLOV'YEV, V.N.; BALIN', I.R.

Antimicrobial action of penicillin and colimycin in infected lymph nodes in white rats. Antibiotiki 7 no.10:921-925 0'62.
(MIRA 16:12)

1. Otdel eksperimental'noy khimioterapii (zav. - prof.
A.M. Chernukh) Instituta farmakologii i khimioterapii AMN
SSSR.

SOTOV'YEV, V.N.; BAIYN', I.B.

Importance of the intracellular arrangement of microbes in the lymphatic nodes in white rats for the antibacterial action of colimycin. Antibiotiki 8 no. 11;1034-1040 N '63. (MRA 17s9)

1. Otdel khimoterapii (zav. - prof. A.M. Chernukh) Instituta farmakologii i khimoterapii AMN SSSR.

BALYN', I.R.

Significance of the intracellular distribution of antibiotics in lymph nodes of white rats for the antibacterial action of antibiotics
Antibiotiki # no.3228-232 Mr. I.R.

Dn. Otdel Khimoterapii (zav. - prof. A.M.Granik) Institut farmacologii i khimoterapii AMN SSSR, Moakva.

SOKOLOVYIY, V.N.; KON'NIV, G.A.; SOYLOVA, V.S.; BALYN', I.R.; CHUMACHENKO, N.V.;
SOKOLOVA, E.M.; KUCHEROV, V.F.; GUSEV, B.P.

Antibacterial activity of the synthetic derivatives of capillene
(agropyrene) and capillin. Antibiotiki 10 no.2:156-159 F '65.
(MIRA 18:5)

1. Otdel khimioterapii (zav. - prof. A.M.Chernukh) Instituta
farmakologii i khimioterapii AMN SSSR i laboratorii tonkogo
organicheskogo sinteza (zav. - prof. V.F.Kucherov) Instituta
organicheskoy khimii AN SSSR, Moskva.

BALYN', I.R.

Importance of intracellular development of staphylococci in the lymphatic nodes of white rats for their sensitivity to colimycin and penicillin. Antibiotiki 9 no.12:1070-1072 D '64. (MIRA 18:7)

1. Laboratoriya mikrobiologii otdela khimioterapii (zav. - prof. A.M. Chernukh) Instituta farmakologii i khimioterapii AMN SSSR, Moskva.

KISLOV, N.A.; BALYNNI, E.V.

Experience in industrial training of students. Politekh.
obuch, no.11:17-19 N '59. (MIRA 13:2)
(Vocational education) (Field work(Educational method))

BALYSHEV, P.V., kandidat tekhnicheskikh nauk

Unwinding thread from bobbins. Tekst.prom.15 no.7:38-39 J1'55.
(Spinning) (MIRA 8:10)

BALYASOV, P.D., kand.tekhn.nauk

Use of static electric charges and magnetoelectric fields in
drawing fibrous materials. Tekst.prom. 22 no.9:47-51 S '62.
(MIRA 15:9)

1. Zamestitel' direktor Moskovskogo tekstil'nogo instituta.
(Spinning machinery) (Electrostatics)

BALYSH, V.M.; KHUDYKH, M.I.

Wear of thread guider materials by linen threads. Izv. vys.
ucheb. zav.; tekhn. tekst. prom. no.4:144-150 '65. (MIRA 18:9)

1. Kostromskoy tekhnologicheskiy institut.

BALYSH, V.M., aspirant; KHUDYKH, M.I., prof., doktor tekhn. nauk

Wear of the thread guiding parts of machines in the rewinding of
boiled and bleached linen yarn. Tekst. prom. 25 no.12:37-40 D '65.

(MIRA 19:1)

1. Kostromskoy tekhnologicheskiy institut.

BALYTA, V.I.; ZELIZNY, A.M.; ROMANTUK, I.M.; SHEVCHUK, V.U.

Layout of equipment for the production of acetylene by the
oxidation pyrolysis of methane. Gaz.prom. 4 no.9:36-41 8 '59
(MIRA 12:11)

(Acetylene) (Methane)

TURKEVYCH, N.M.; BALYTS'KYY, K.P.

Effect of phenamine and novocaine on the development of transplantable carcinoma of mice. Medich.zhur. 22 no.5:26-29 '52. (MLRA 6:10)

1. Instytut eksperimental'noyi biologiyi i patologiyi im. akad. O.O. Bohomol'tsya.
(Phenocoll) (Cancer) (Novocaine)

BALYS, M.

Progress in railroads.

P. 11 (TECHNIKOS ZODIS) Lithuania No.3, June/July 1957

SO: Monthly Index of East European Acessions (AEEI) Vol. 6, No.11

BALYTSKYI, K.P.

VVEDENS'KIY, A.O., professor.

Book on the history of Russian medicine ("At the sources of Russian
medicine." R.E.Kavetskyi, K.P.Balytskyi. Reviewed by A.O. Vvedens'kiy)
Visnyk AN URSR 86 no.2:73-75 F '55. (MIRA 8:4)
(Kavetskyi, R.E.) (Balytskyi, K.P.) (Medicine—History)

S/238/62/008/003/002/008
I015/I215

AUTHOR: Balyts'kyy, K. P., ll'chevich, M. V. and Pridatko, O. Yu.
TITLE: The effect of decortication on arterial pressure and respiration
PERIODICAL: Fiziologichnyy zhurnal, v. 8, no. 3, 1962, 339-345

TEXT: This is a continuation of previous studies on the role of CNS in the regulation of blood pressure and respiration. Attempts were made to reveal latent functional disorders of circulation and respiration in decorticated animals. The experiments were carried out on 45 rabbits weighing 2.0-2.5 kg. The arterial pressure and respiration were recorded on a kymograph. Both unilateral and bilateral decortication were performed according to Balyts'kyy's method. The potent vasometer hormone from the posterior pituitary (pituitrin) was injected i.v. in doses of 0.3-0.6 U/kg b.w. Arterial pressure and respiration were recorded at the moment of introducing the hormone and 30 sec, 1,3,5,10,20, and 30 hours afterwards. Decortication alone brought about only slight circulatory and respiratory changes. The pressor effect of pituitrin was less marked in decorticated animals, especially at long periods after decortication. Abnormal cardio-vascular reactions to pituitrin were often observed after decortication. Arterial pressure was lower in all the decorticated animals after introduction of the hormone. Respiratory arrest after administration of pituitrin lasted longer and its return to

Card 1/2

The effect of decortication on...

S/238/62/008/003/002/008
I015/I215

normal occurred later than in the controls. A direct dependence between the extent of circulatory and respiratory disorders and the extent to which CNS is affected has been established.

ASSOCIATION: Laboratoriya kompensatornykh i zakhysnykh funksiy i laboratoriya fiziologii krovoobihu i dykhannya Instytutu fiziologii im. O. O. Bohomol'tsya Akademii nauk URSR (Laboratory of Compensatory and Defensive Functions and Laboratory of Blood Circulation and Respiration Physiology, Institute of Physiology im. O. O. Bohomolets, AS UkrSSR) Kiev

SUBMITTED: June 22, 1960

Card 2/2

KOLOKOLOV, N.M., doktor tekhn.nauk; KEDROV, A.I., kand.tekhn.nauk;
PROKOPOVICH, A.G., kand.tekhn.nauk; ZINCHENKO, A.A., inzh.;
BALYUCHIK, E.A., inzh.

Using high-strength rod reinforcements in prestressed bridge
girders. Transp. stroi. 13 no.6:22-25 Je '63. (MIRA 16:9)
(Beams and girders)

KOLOKOLOV, N.M., doktor tekhn. nauk; KEDROV, A.I., kand. tekhn. nauk;
PROKOPOVICH, A.G., kand. tekhn. nauk; BALYUCHIK, E.A., inzh.;
BELENCHENKO, V.A., inzh.; SUSLOV, F.I., inzh.

Tensioning of rod reinforcement of piling by the electrothermal
method. Transp. stroy. 15 no.4:22-25 Ap '65.

(MIRA 18:6)

ACC NR: AY7001521

(A)

SOURCE CODE: UR/3117/65/000/006/0062/0069

AUTHORS: Golovin, G. F. (Doctor of technical sciences); Zamyatnin, M. M. (Candidate of technical sciences); Baluyeva, T. A. (Engineer)

ORG: none

TITLE: Choice of steel heating temperature during surface hardening

SOURCE: Leningrad. Nauchno-issledovatel'skiy institut tokov vysokoy chastoty. Trudy, no. 6, 1965. Primeneniye tokov vysokoy chastoty (Industrial application of high-frequency current), 62-69

TOPIC TAGS: ^{alloy} heat treatment, surface ^{hardening} ^{austenitic}, steel property, high temperature effect

ABSTRACT: The effects of heating rate, total austenization time, method of heating (contact heating, electric current heating, and induction heating) and initial metal structure on the steel temperature required for surface hardening are discussed qualitatively. It is concluded that, because of the large number of variables and of the often unpredictable interaction of these variables, the best temperature can only be determined experimentally. Some methods of measuring the transient temperatures and metal structure are briefly and qualitatively discussed. A comprehensive table (supposedly based on industrial and laboratory data but not referenced) of the steel temperatures required during surface hardening of 25 different types of steel is presented. The temperatures

Card 1/2

ACC NR: AT7001521

are given for different initial heat treatments of each type of steel, for furnace heating, and also for total austenization periods of 10, 3, and 1 seconds. Orig. art.
has: 1 table.

SUB CODE: 13, 11/ SUBM DATE: none/ ORIG REF: 002

Card 2/2

BALYUK, A.

Toward over-all automation. NTO no.12:25-26 D '59 (MIRA 13:3)

1. Zamestitel' predsedatelya soveta Nauchno-tekhnicheskogo obshchestva na zavode "Serp i molot", g. Khar'kov.
(Kharkov--Machinery industry)
(Automation)

4463-00 ENIGMA ENIGMA ENIGMA
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 11/20/01 BY EM/GS, JXN(C2), RU

AUTHORS: Balyuk, A. D. (Kiev); Bazhenov, V. G. (Kiev); Kozlov, I. A. (Kiev);
Matveyev, V. V. (Kiev) 77
15+1

ORG: none

TITLE: On the investigation of vibration damping of turbine blades on rotating disks at high temperatures 26

SOURCE: Vsesoyuznoye soveshchaniye po voprosam staticheskoy i dinamicheskoy prochnosti materialov i konstruktionnykh elementov pri vysokikh i nizkikh temperaturakh, jd. Termoprochnost' materialov i konstruktionnykh elementov (Thermal strength of materials and construction elements); materialy soveshchaniya. Kiev, Naukova dumka, 1965, 311-316

TOPIC TAGS: turbine blade, turbine rotor, vibration damping, vibration stress, high temperature effect

ABSTRACT: The experimental apparatus used for studying the damping of turbine blades on rotating disks at high temperatures is described. The disks are mounted on an acceleration stand, as suggested by G. S. Pisarenko, and I. A. Kozlov (O nesushchey sposobnosti bystrovrashchayushchikhsya diskov, Ukrugostekhizdat, 1962), which has a special electronic speed indicator-regulator and which can be heated to 870--970K before starting the test. The damping curves are obtained on an N-102 oscilloscope 7

Card 1/2

L 24463-66
ACC NR: AT6008676

which receives signals from special high temperature resistance strain gages (heat-treated constantan wire) bonded with B-58 cement. The blades are excited by a bullet from a small caliber gun which can be fired ten times during a run. Circuit diagrams of the speed indicator, gun triggering, and oscillograph triggering circuits are given, and a sample trace of free, damped vibrations of a blade travelling at 300 rad/sec at 570K is presented. Orig. art. has: 5 figures.

SUB CODE: 21, 20/ SUBM DATE: 19Aug65/ ORIG REF: 005/ OTH REF: 001

Card 2/20

VAKHTEL', V.Yu.; MORQUILIS, Yu.B.; BALYUK, B.K.

Investigating the structural rigidity of principal diesel engine parts. Trakt. i sel'khozmash. 30 no.11:5-8 N '60. (MIRA 13:12)
(Diesel engines)

ZEMSKOV, P.I., kand.tekhn.nauk, dotsent; POGORELOV, I.D., inzh.; BALYUK,
B.K., inzh.

Investigating the performance of engine bimetallic bushings made with
ASM alloy. Izv.vys.ucheb.zav.; mashinostr. no.11:79-83 '61.
(MLRA 14:12)

1. Khar'kovskiy institut inzhenerov kommunal'nogo stroitel'stva.
(Aluminum alloys--Testing)

VAKHEL', V.Yu.: BALYUK, B.K.

Determining the speed for mounting a valve. Trakt. i sel'khozmash. 33
no.8:15-17 Ag. 163. (MIRA 16:11)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro po dviga-
telyam.

VAKHTEL', V.Yu.; BALYUK, B.K.; KARAS', L.M.; PETUSHKOV, G.Ye.;
OVCHARENKO, V.P.; GORELYY, A.V.

Hardening of crankshafts by the method of stamping. Trakt. i
sel'khozmash. no.11:7-8 N '65. (MIRA 18:12)

AFANAS'YEV, V.N., kand.tekhn.nauk; BALYUK, F.B., inzh.; BERIN, A.L., inzh.;
VASIL'YEV, A.G., kand.khimicheskikh nauk; GRUZIN, P.L., doktor
tekhn.nauk; KOROBENNIK, V.F., inzh.; POLOVCHENKO, I.G., kand.tekhn.
nauk; SMIRNOV, V.G., inzh.; UZLYUK, V.N.

Control of the level of the blast furnace charge by means of gamma
rays. Trudy Ukr. nauch.-issl. inst. met. no.7:51-80 '61.
(MIRA 14:11)

(Blast furnaces--Equipment and supplies)
(Gamma rays--Industrial applications)

SMOLYAK, V.A., kand.tekhn.nauk; YASHIN, Yu.F., inzh.; UZLYUK, V.N., inzh.;
Prinimali uchastiye: BALYUK, F.B.; KONOVALOV, M.S.; SEL'DYAKOV,
M.I.; TREGUB, N.G.; POLOVCHENKO, Yu.I.; KHODOROVSKIY, S.S.;
CHERNYY, A.A.; YEVSEYEV, A.N.; KOVALENKO, I.A.

Radiometric investigation of blast furnace tuyere zones. Stal'
21 no.9:777-782 S '61. (MIRA 14:9)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz i Zavod im.
Dzerzhinskogo.

(Blast furnaces)

BALYUK, Ivan Danilovich

[How we obtain good wool clips] Kak my dobivaemya vysokikh nastrigov
shersti. Barnaul, Altaiskoe kn-vo, 1955. 11 p. (MLRA 10:2)
(Altai Territory--Sheep)

BALYUK, I.G.

Work capacity following lung resection in tuberculosis. Probl.
tuberk. 41 no.4:40-43 '63 (MIRA 17:2)

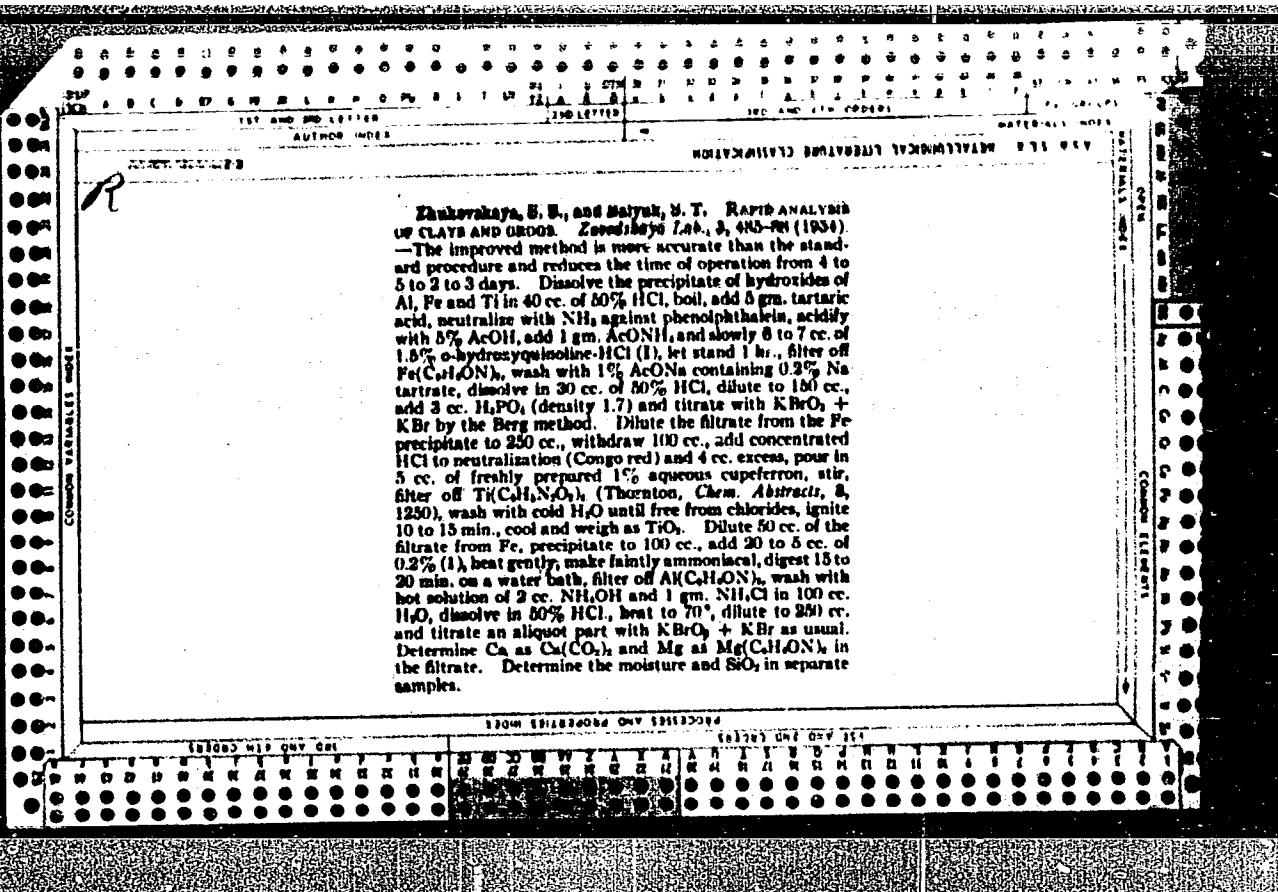
1. Iz legocheskikh otdelenii Stanislavskogo oblastnogo protivotuberkuleznogo dispansera (glavnnyy vrach P.S. Kulakova).

BARAYANTS, A.A.; SMILLER, M.R.; KOLESNIK, M.K.; BALYUK, O.N.; SINADSKIY, N.Ye.,
kand.med.nauk; GLUZMAN, Yu.D.; RUDENKO, G.D., kand.med.nauk; AKIMOVA,
Ye.A., promyshlenny vach; SIDENKO, K.I.

Discussions. Vop. travm. i ortop. no.13:47-60 '63.

(MIRA 18:2)

1. Glavnnyy vach lechebnogo ob"yedineniya shakhty "Dolinskaya",
kombinata "Sakhalinugol'" (for Barayants). 2. Zaveduyushchiy
Yuzhno-Sakhalinskim gorodskim travr ~logicheskim punktom (for
Smiller). 3. Kholmskoye upravleniye stroitel'noye upravleniye
Sakhalinshakhtstroya (for Kolesnik). 4. Doverennyy vach
Dorozhnogo komiteta professional'nogo soyusa rabochikh
zheleznodorozhного transporta (~r Balyuk). 5. Irkutskiy
gosudarstvennyy nauchno-issledovatel'skiy institut travmatologii
i ortopedii (for Sina'skiy). 6. Starshiy inspektor Gosudarstvennoy
avtomobil'noy inspeksii (for Gluzman). 7. Leningradskiy nauchno-
issledovatel'skiy institut travmatologii i ortopedii (for Rudenko).
8. Glavnnyy vach meditsinskogo ob"yedineniya goroda Shakterska,
Sakhalinskaya oblast' (for Sidenko).



✓

7

Determination of aluminum by titrating the excess of 8-hydroxyquinoline. S. S. Zhukovskaya and S. T. Bal'yuk, Zerodikays Lab. 4, 397-401 (1955); cf. C. A. 49, 32757. Evap. to dryness 4-5 cc. of 50% NaOH in a Ni or Ag crucible, introduce 0.1 g. of sample (clay, grog or bauxite), wet with 2 cc. of 50% aq.-alc. NaOH, evap. and heat at 300-310° for 5 min. Digest the fusion with H₂O on a water bath for 5-10 min., filter, wash the residue with hot 3% NaCl contg. 0.3% NaOH, acidify with HCl. Congo red.

add 1-2 drops of HCl, dil. the soln. to 150-200 cc., introduce a measured vol. of standard soln. of "oxine" (23 cc. of 1.5% "oxine" for clays and grogs and 35 cc. for bauxite), add 3-4 g. NaOAc, digest on a water bath at 65-75° for 20-25 min., filter, dil. to 250 cc., add an excess of 10 cc. of concd. HCl and titrate with KBr + KBrO₃ against indigo carmine as usual. Chas. Blane

APPENDIX A - METALLURGICAL LITERATURE CLASSIFICATION